



FY08 Navy/Marine Motorcycle Safety Initiatives

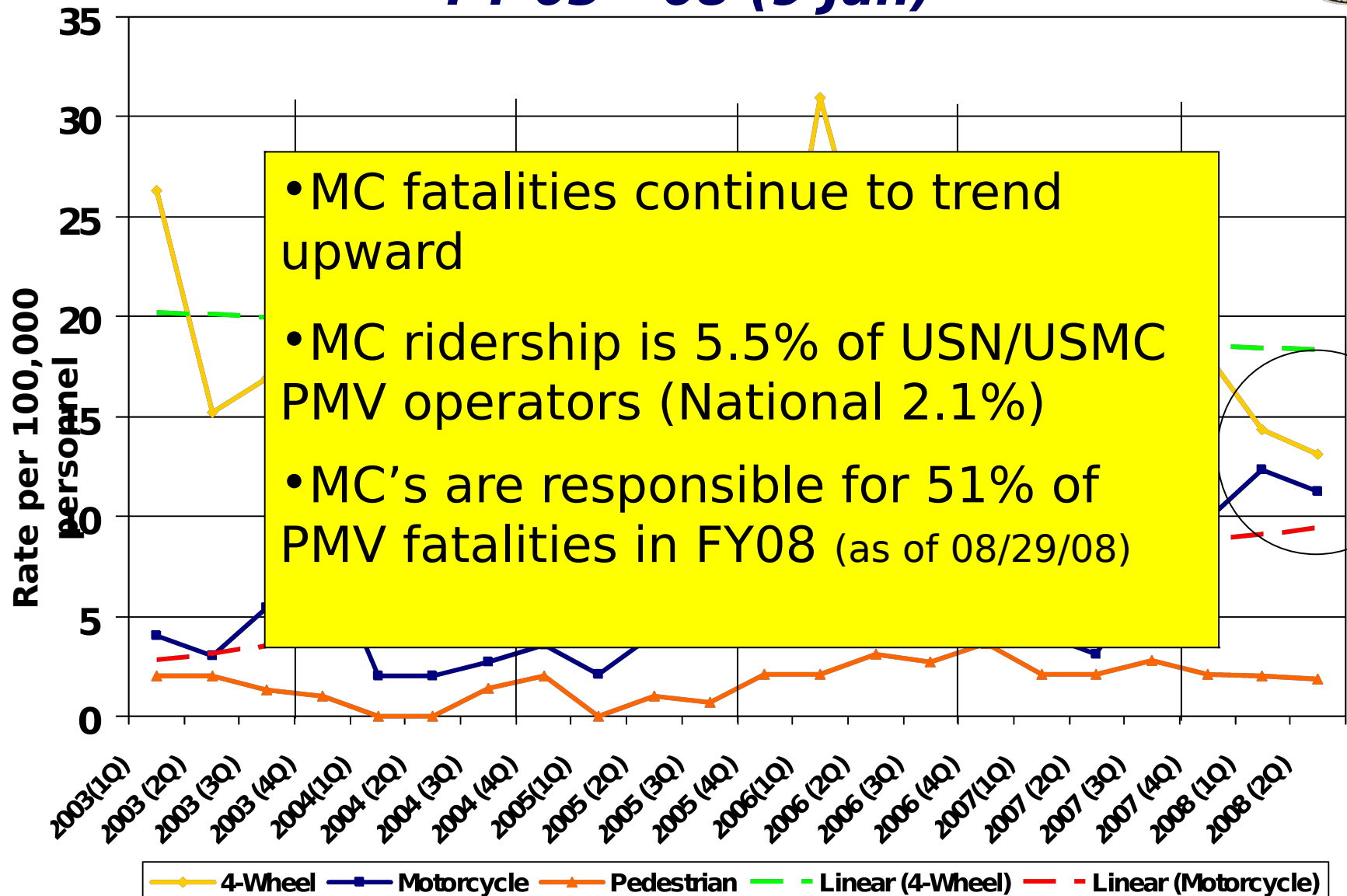
Update

Don Borkoski, Motorcycle Program Manager
Naval Safety Center
08/29/08

Marine Corps PMV Fatality Trends by Type

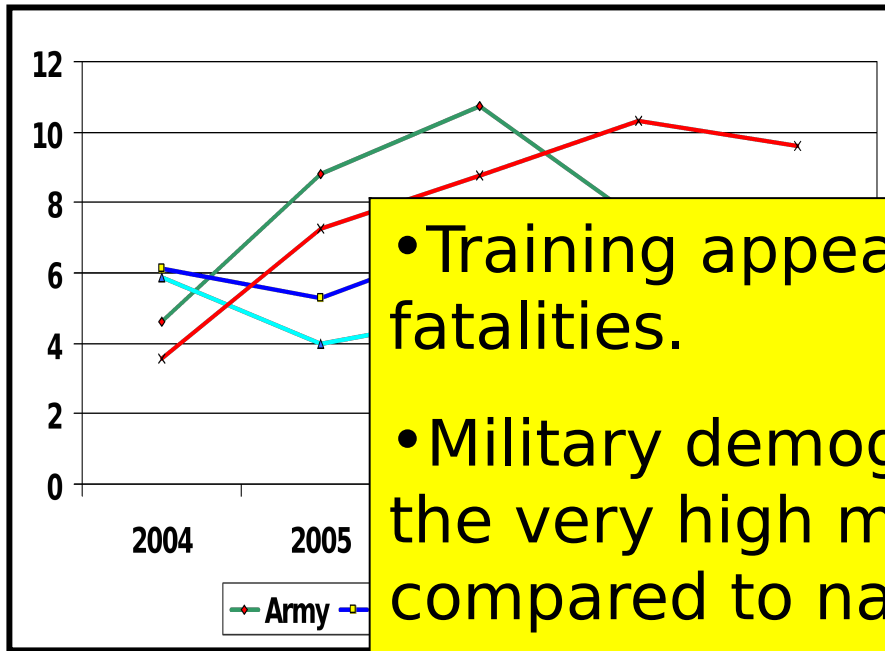


FY 03 - 08 (9 Jan)





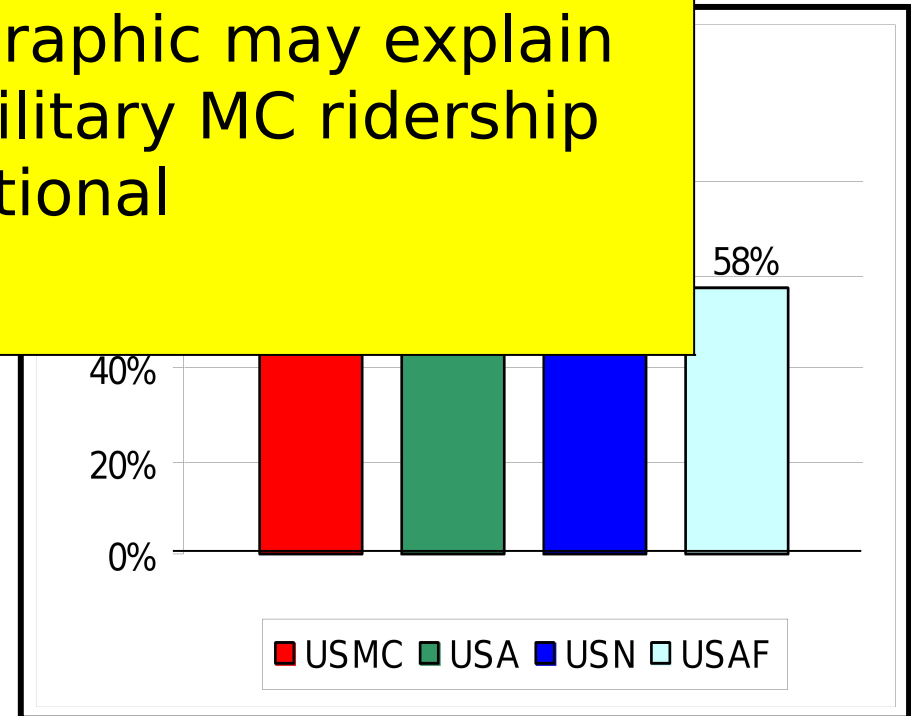
DoD Motorcycle Service Comparisons



- Training appears to reduce fatalities.
- Military demographic may explain the very high military MC ridership compared to national

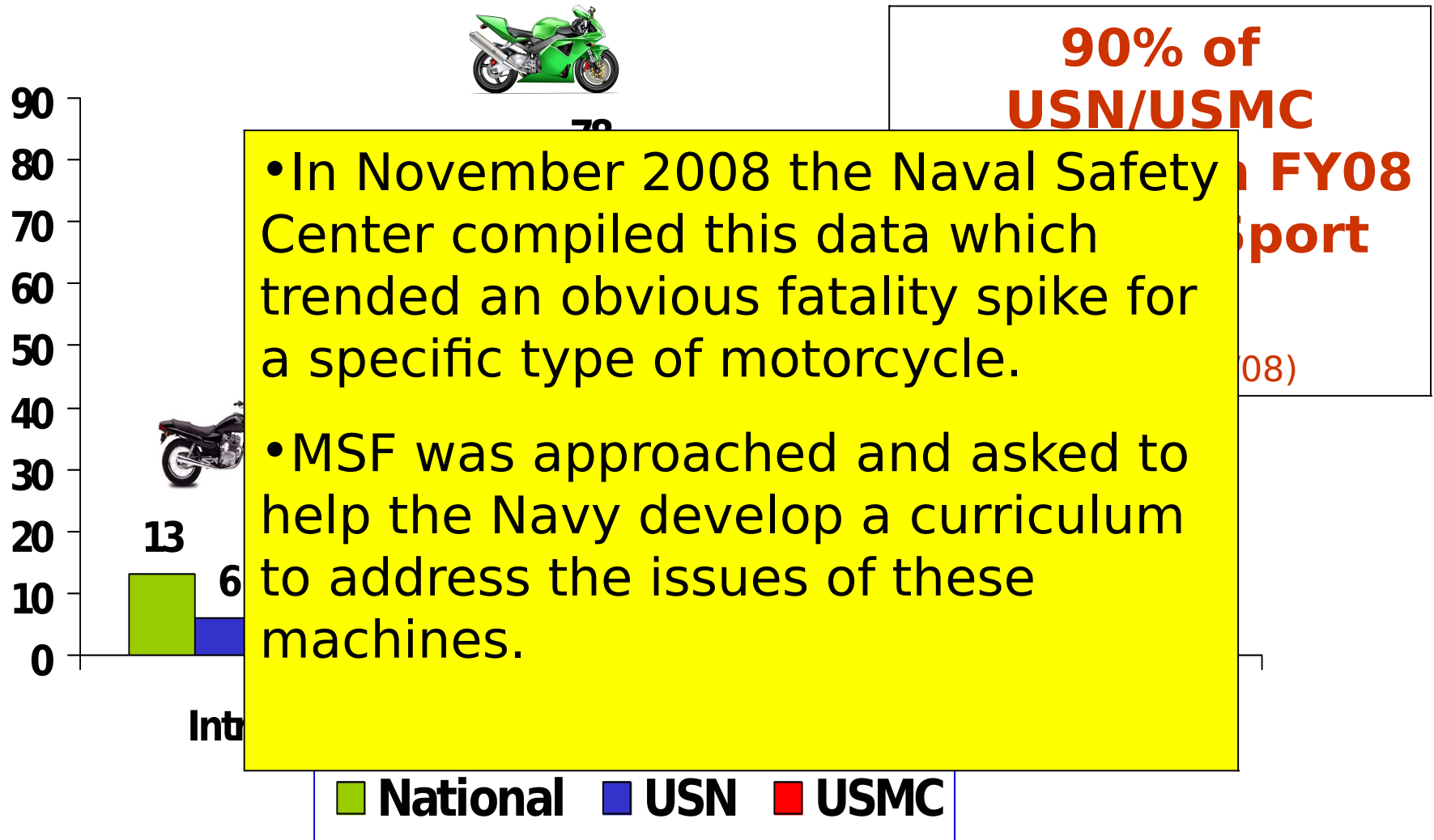
DoD Motorc

Service Fatalities and
Demographics
compared



FY07 Class A Mishaps

by Type Motorcycle (national stats are for CY05)



Values are percentages of total Class A's

USN/USMC MC CENSUS



The current motorcycle census provides the most accurate measure of MC ridership.


Commands are asked to keep the Census up to date as riders come and go from their unit.

Motorcycle Safety Data Registration - Microsoft Internet Explorer provided by NMCI


File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address <http://www.safetycenter.navy.mil/ashore/motorvehicle/motorcycle/register.cfm> Go Links



Naval Safety Center



Work, Play, Live ...
Safely!

[Site Map](#) | [Search Our Site](#)

[Home](#) | [Afloat](#) | [Ashore](#) | [Aviation](#) | [Media](#) | [OSH](#) | [Acquisition](#) | [Services](#) | [Training](#) | [Popular](#) | [Staff](#)

Quick Stats as of - Friday August 29, 2008 2:45 PM

Total UICs Reported: 2222	Total Sport Bike Riders: 15986	Total Standard Bike Riders: 16449
Registered on Base: 23567	Licensed Riders: 28507	Total Riders with Training: 28769
Total Riders: 32435		

Actions Completed



- ✓ Motorcycle Census (01/02/08)
 - requested from Navy and Marine Corps
- ✓ OPNAVINST 5100.12H (03/07/08)
 - Complete revision
- ✓ ALSAFE 08-030 (05/28/08)
 - Military Sportbike Rider Course (MSRC) mandated
- ✓ MSRC Start date (06/01/08)
 - Official Roll-out date (as directed in ALSAFE 08-030)
- ✓ OPNAVINST 5100.12H Change 1 (06/25/08)
 - MSRC and 3-year recert mandated officially
- ✓ ALSAFE 08-040 (07/11/08)
 - Motorcycle Training Requirements for Navy Personnel
- ✓ ALSAFE 08-048 (08/22/08)
 - 30-day Temp Base Pass

Projects



- ☐ ALSAFE 08-xxx Moped and Scooter Safety Policy
- ☐ On Line motorcycle training enrollment system.
 - Options:
 - MSF- Rider Enrollment System
 - ESAMS
- ☐ ALSAFE 08-xxx Motorcycles Mentorship Programs
- ☐ OPNAVINST 5100.12H Change 2
- ☐ Navy & Marine Traffic Safety Contract (1 Oct 08)
- ☐ Trainer Motorcycles (1 Jan 09)
- ☐ Mobile Training to reach isolated commands
- ☐ Sailor to Sailor Safety (S2SS) Feedback
- ☐ Advance MC training course
 - Keith Code AMOS course
 - Lee Parks Total Control

Current Initiatives



- Trainer Motorcycles to be obtained through contractors
 - Bikes will be under 500cc to meet the requirement for most state programs
 - Regions will be required to store the bikes
- Navy and Marine Combined contract
 - Should be minimal change to Navy
 - Marine implementation will depend on the speed of hires
- MSF-QA program to start in the summer for Range and Coach cert and re-certs.
- New RERP Agreements/Applications were approved by DOD and will be promulgated for April 08 resubmitted.
- M/C Training simulators available through MSF by May 08
- MSF-Rider Enrollment System and ESAMS

interconnectivity will be Beta Tested this
FY08 Motorcycle Agenda

Current Media Initiatives



- Annual Motorcycle Safety Magazine
- Quick Series Guides
 - Surviving Driving
 - Motorcycles (in development)
 - ORM
- Motorcycle Census
 - Navy Marine Count
- Motorcycle Training Continuum
 - Sport Bike Rider course development
- Joint Motorcycle Safety Events
 - Ft Monroe joint service ride 4 April 08
 - Pentagon rodeo/safety fair 2 May 08
- PSA with MSF, Fast Freddie Spencer's Riding School, and Nick Ienosch (sport bike racer)
- ~~OPNAVINST for Mentor Program~~

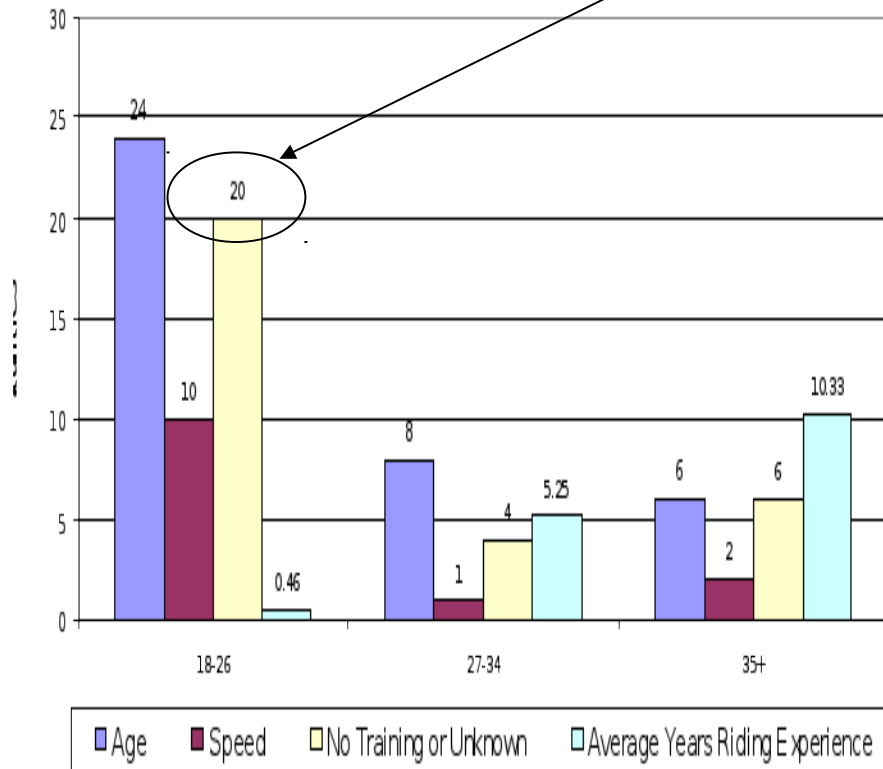
USN/USMC FY 06 - 07 Motorcycle Class A Profile



Note the significant number of untrained riders who died.

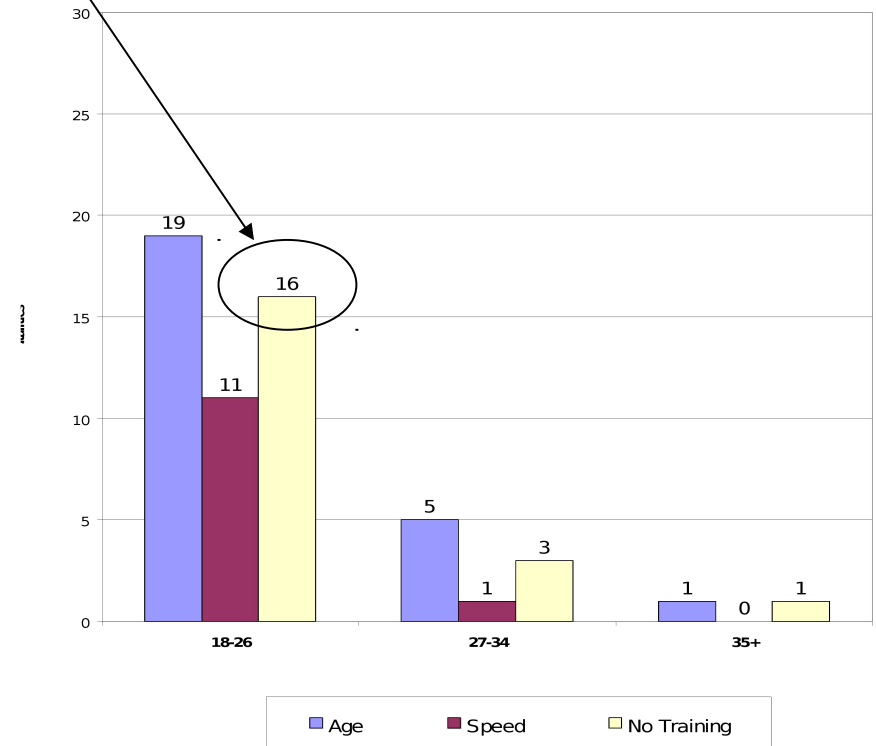
FY06

Navy Profile



FY07

Marine Profile



Navy and Marine FY08 PMV Fatalities



	PMV4	PMV2	PED	TOTAL
• NAVY	28	28	5	61
• USMC	22	24	2	<u>48</u>

TOTAL: 10
9



08/29/08 NSC



5100.12H releases 7 March 2008

- Regions/Installations are required to provide training within 30 days of request.
- CO's/OIC's are to provide:
 - Traffic safety Indoc within 2 weeks of reporting
 - Traffic safety stand-downs prior to major Holidays, extended weekends or extended liberty periods
- Under 26 yr old riders must complete 4-hour Driver Safety Training within the first year, and refresher training every 2 years.
- Driver Improvement training has been expanded to include AAA, NSC training and Smith System driver improvement.
- 15 passenger van training is required.
- 3-year motorcycle re-training is mandated.



- Cell Phone usage in a vehicle is restricted to hands-free operation.
- Motorcycle PPE:
 - DOT/Snell head protection is required
 - Eye protection is clarified to include wrap safety glasses
 - Footwear expanded to: “sturdy over the ankle”
 - Long sleeve top, long pants, full finger gloves Required.
 - Motorcycle specific jacket “highly recommended”.
 - Brightly colored upper garment has been dropped
 - Reflective outer upper garment or vest shall be worn during nighttime hours.
- Maximum driving hours per day have been specified.



- Military Sportbike Rider Course (MSRC) will be mandated within 90 day of the BRC.
- BRC is a prerequisite.
- ERC is required for standard Motorcycles within 90 days of the BRC taken on a trainer motorcycle.
- Commands will be required to track their motorcycle riders and training.
- Training motorcycle will be encouraged for the BRC.



Welcome

Military Sportbike Rider Course



- 1 - Day course for Sport bikes of all sizes
- 3 - Hours of classroom training focused on Risk Management and understanding personal skill levels compared to the performance of the machine.
- 5 - Hours of Range exercises with higher speeds, more control required and additional “bike bonding” skills

Sport Bike Training: Implementation Plan



Military Sport Bike Course (MSBC) “Roll out” will be accomplished in 4 phases

PHASE 1: Development

- Draft, Validation Testing

PHASE 2: Beta Testing and Full classes to evaluate and adjust

- Video/graphic production
- Course material print/distribution
 - Video's, range cards, handbooks
- Rider Coach Trainer Class

PHASE 3: Regional/Command Start-up

- Trainers qualify regional coaches to teach MSRC
- Prepare and certify ranges for the MSRC
- IOC: Begin teaching classes as soon as possible

PHASE 4: Catch up and Sustain

- Reach all sport bike riders as soon as possible
- Sustain a viable training program with MSBC included

Sport Bike Training: Phase 4 Timeline



PHASE 4: Catch-up and Sustain

05/09 -16 Trainers will be able to qualify their region/command Coaches

05/30 -176 Coaches will be able to teach the MSBC, and 51 Full size Navy and Marine ranges will be painted and certified

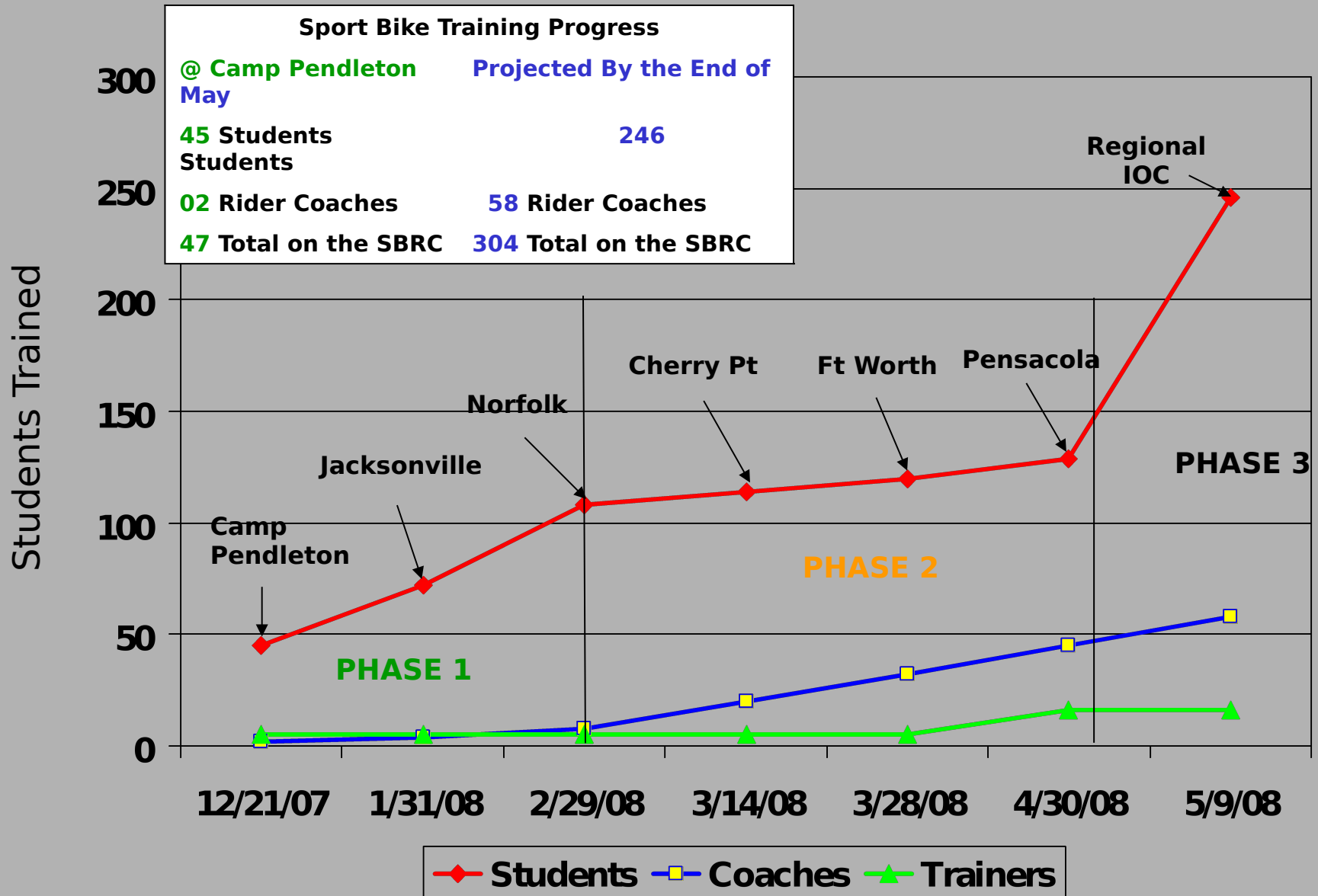
06/20 -Most riders with less than 1 year experience can be trained. (approx 3500)

06/30 -Averaging 1 class per week on 51 ranges and 9 students per class, 1836 students per month can be trained

09/30 -Most Sport Bike riders will have completed training by the end of the Fiscal Year (approx 12,200)

10/30 -Routine training schedule can be planned by the end of the riding season.

Sport Bike Training: Inception to IOC



Industry is helping through MSF and the Motorcycle Industry Council



Member Companies



Motorcycles



DUCATI 



 **HONDA**  **Kawasaki**

KTM



 **SUZUKI**

TRIUMPH

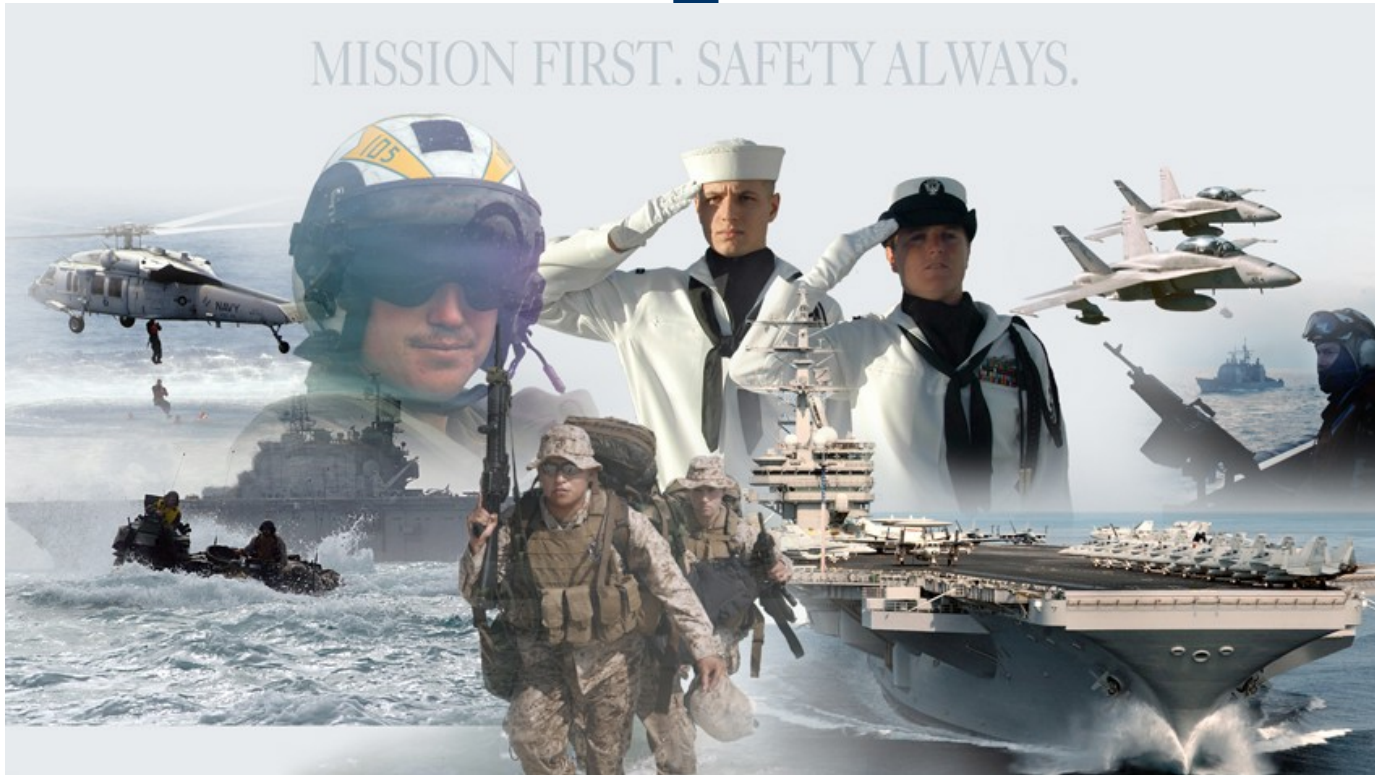


 **YAMAHA**

Questions



?



Motorcycle Types



Dirt Bike 50-650cc

High ground clearance, not road ready



Sport Touring 1100-1800cc
450-650lb, High performance



Standard 650-1800cc,
700-1200lb, High power



Super Sport 650-1100cc
290-350lb, High performance



Intro Bike 125-500cc,
200-500lb

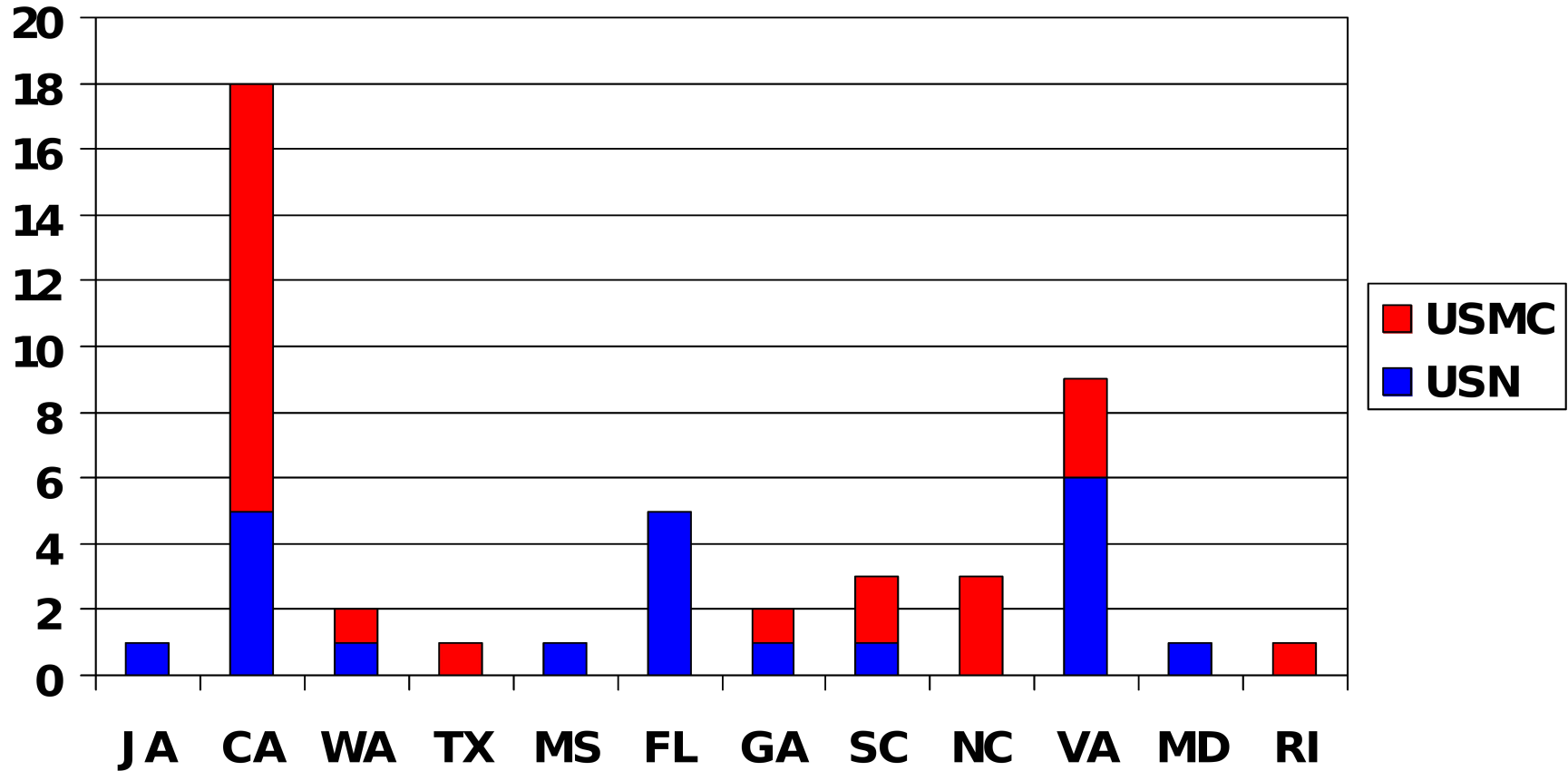


Sport Unclad 650-1100cc
290-350lb, High performance



Scooters 50-650cc

USN/USMC Motorcycle Fatalities FY07/08 by Service





ONGOING INITIATIVES



- **Training initiative:**

- MSF, NAVSAFECEN and CMC-Safety Division developed MSBC
- Provide the rider with the advanced handling skills
- Mandate MSBC
 - Change OPNAVINST 5100.12/MCO 5100.19 – CNSC/CMC-SD
- Evaluate Motorcycle Simulators for inclusion to the curriculum - NSC

- **Rider Enrollment System (RES)**

- Provides Web enabled class enrollment and student database
 - In use in California to include military installations
 - Beta test to begin in Norfolk

- **Motorcycle Safety Magazine and Pocket Guide**

- Release Date
 - Magazine - April 08
 - Pocket Guide – April 08

- **M/C Mentorship Program**

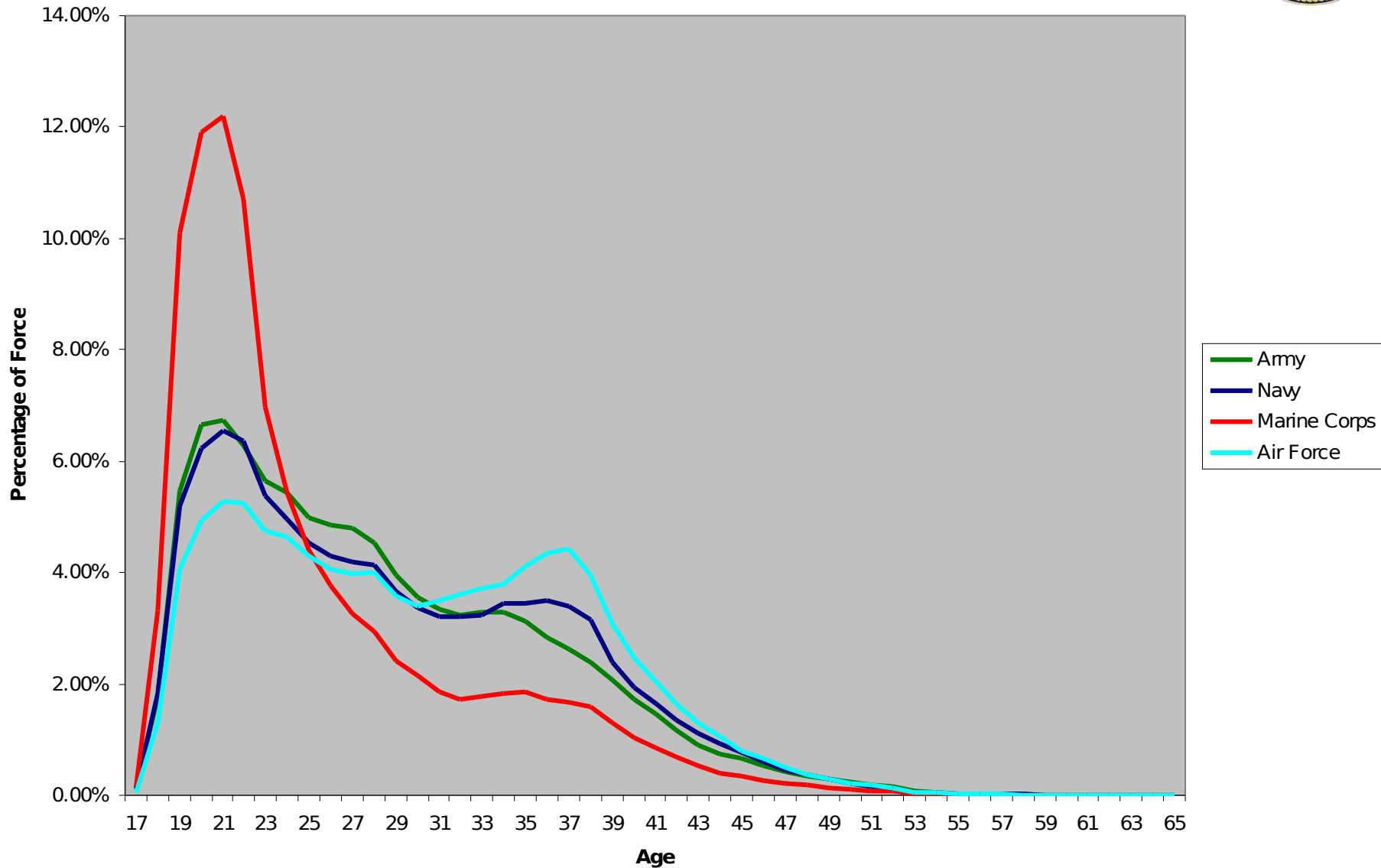
- OPNAVINST in draft at NAVSAFECEN
- Initial Echelon II review 1 Mar 08
- Formal Echelon II review 1 Apr 08
- Submitted for signature 4th Quarter 08

Reaching “Critical Mass”



- MSBC requires a full size range
- Priority will be fleet concentration facilities
- Riders with less than 1 year since BRC completion will complete the MSBC before 30 June
- All sport bike riders will be required to complete the training prior to Oct 08
- MSBC will be “caught up” and provided routinely with the BRC by Oct 08

Service age comparisons





Baseline

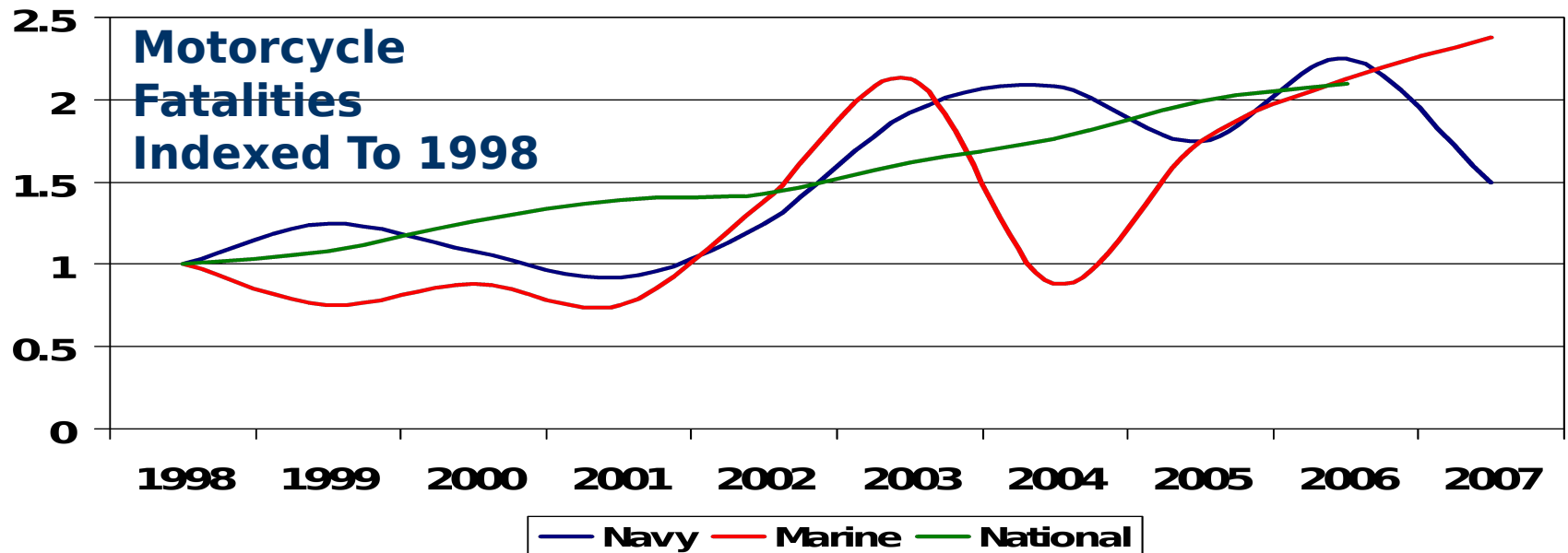


December 07

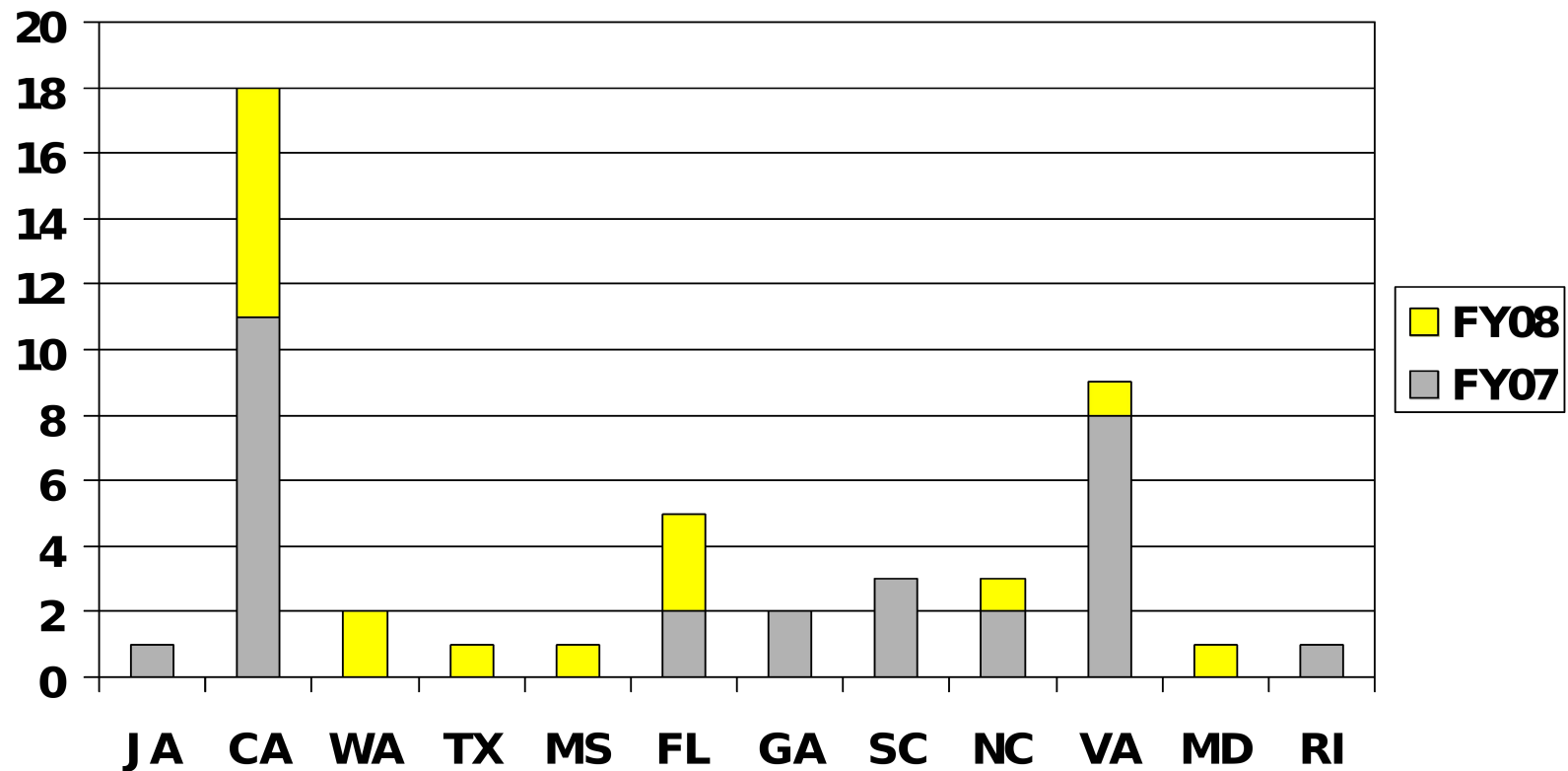
- **FY07: 37 Fatalities**
 - 57% Sport Bikes
- **FY08: 10 Fatalities**
 - 100% Sport Bikes
- **No Sport Bike Training**

February 08

- **Introduced Sport Bike Training**
- **45 SBRC students trained**
- **Met with Key Partners**
- **Motorcycle Census**
- **Simulator Evaluation**



USN/USMC Motorcycle Fatalities By FY07/08



Take Aways



- Regions and installations are vital to meeting the SECNAV's Mandates, and help save lives.
- Leadership must stay engaged.
- Commands must find the untrained riders and get them into class!!!
- Inter-service, inter-region and Inter-installation cooperation will help meet surges and instructor shortages

**Only a Team effort
will help reduce Fatalities**



Navy and Marine Class A by Month

Total per month from FY01 to FY06

